



DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP033X1/NVLS-000498X1

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD FOR REDUCING TUNGSTEN FILM ROUGHNESS AND IMPROVING STEP COVERAGE** the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on August 26, 2003 as
U.S. Application No. 10/649,351
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ____ No ____
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ____ No ____

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>60/292,197</u> (Application No.)	<u>5/22/01</u> (Filing Date)
_____ (Application No.)	_____ (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number: 022434

22434

Jeffrey K. Weaver at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Citizenship: Republic of Korea

Date of Signature: 12/12/03

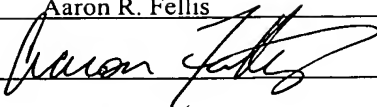
(State/Country) CA/US

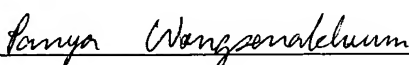
Citizenship: United States

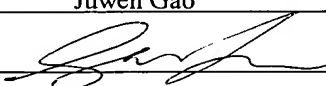
Date of Signature:_____

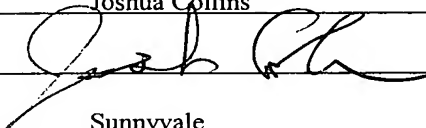
(State/Country) CA/US _____


Post Office Address: 1150 Portland Avenue, Los Altos, CA 94024

Third Inventor: Aaron R. Fellis Citizenship: United States
Inventor's signature:  Date of Signature: 12/19/03
Residence: (City) San Jose (State/Country) CA/US
Post Office Address: P.O. Box 641731, San Jose, CA 95164


Fourth Inventor: Panya Wongsenakhum Citizenship: Thailand
Inventor's signature:  Date of Signature: 12/19/2003
Residence: (City) Fremont (State/Country) CA/US
Post Office Address: 34599 Anchor Drive, Fremont, CA 94555

Fifth Inventor: Juwen Gao Citizenship: PR of China
Inventor's signature:  Date of Signature: 12/19/2003
Residence: (City) Fremont (State/Country) CA/US
Post Office Address: 206 Prairie Dog Lane, Fremont, CA 94539

Sixth Inventor: Joshua Collins Citizenship: United States
Inventor's signature:  Date of Signature: 12/19/2003
Residence: (City) Sunnyvale (State/Country) CA/US
Post Office Address: 1172 Maraschino Drive, Sunnyvale, CA 94087

Seventh Inventor: Kaihan A. Ashtiani Citizenship: United States
Inventor's signature:  Date of Signature: 12-19-03
Residence: (City) Sunnyvale (State/Country) CA/US
Post Office Address: 544 Cashmere Court, Sunnyvale, CA 94087

Eighth Inventor: Junghwan Sung Citizenship: Republic of Korea
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Los Altos (State/Country) CA/US
Post Office Address: 1695 Juarez Avenue, Los Altos, CA 94024

Ninth Inventor: Lana Hiului Chan Citizenship: United States
Inventor's signature:  Date of Signature: 12/19/03
Residence: (City) Santa Clara (State/Country) CA/US
Post Office Address: 623 Salberg Avenue, Santa Clara, CA 95051



DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP033X1/NVLS-000498X1

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR REDUCING TUNGSTEN FILM ROUGHNESS AND IMPROVING STEP COVERAGE the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on August 26, 2003 as
U.S. Application No. 10/649,351
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>60/292,197</u> (Application No.)	<u>5/22/01</u> (Filing Date)
_____ (Application No.)	_____ (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Power of Attorney


And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number: 022434

22434

Jeffrey K. Weaver at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Second Inventor: Karl E. Levy Citizenship: United States
Inventor's signature:  Date of Signature: 1/06/04
Residence: (City) Los Altos (State/Country) CA/US
Post Office Address: 1150 Portland Avenue, Los Altos, CA 94024

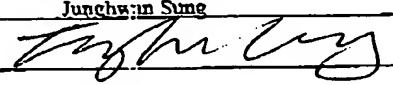

Third Inventor:	<u>Aaron R. Fellis</u>	Citizenship:	<u>United States</u>
Inventor's signature:	_____	Date of Signature:	_____
Residence: (City)	<u>San Jose</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>P.O. Box 641731, San Jose, CA 95164</u>		

Fourth Inventor:	<u>Panya Wongsanakhum</u>	Citizenship:	<u>Thailand</u>
Inventor's signature:	_____	Date of Signature:	_____
Residence: (City)	<u>Fremont</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>34599 Anchor Drive, Fremont, CA 94555</u>		

Fifth Inventor:	<u>Jiwen Gao</u>	Citizenship:	<u>PR of China</u>
Inventor's signature:	_____	Date of Signature:	_____
Residence: (City)	<u>Fremont</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>206 Prairie Dog Lane, Fremont, CA 94539</u>		

Sixth Inventor:	<u>Joshua Collins</u>	Citizenship:	<u>United States</u>
Inventor's signature:	_____	Date of Signature:	_____
Residence: (City)	<u>Sunnyvale</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>1172 Maraschino Drive, Sunnyvale, CA 94087</u>		

Seventh Inventor:	<u>Kalhan A. Ashtiani</u>	Citizenship:	<u>United States</u>
Inventor's signature:	_____	Date of Signature:	_____
Residence: (City)	<u>Sunnyvale</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>544 Cashmere Court, Sunnyvale, CA 94087</u>		

Eighth Inventor:	<u>Junchwan Sung</u>	Citizenship:	<u>Republic of Korea</u>
Inventor's signature:	<u></u>	Date of Signature:	<u>1/8/04</u> <u></u>
Residence: (City)	<u>Los Altos</u>	(State/Country)	<u>CA/US</u>
Post Office Address:	<u>1695 Juarez Avenue, Los Altos, CA 94024</u>		

3

Ninth Inventor: Lana Hinghui Chan Citizenship: United States
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Santa Clara (State/Country) CA/US
Post Office Address: 623 Salberg Avenue, Santa Clara, CA 95051